Work Plan 2014 Transportation Bond

City Council Work Session February 2, 2015



Discussion Topics

- Project Status
- 5 Year Improvement Plan
- Transportation Bond Projects
- Criteria for Prioritization
- Project Management
- Project Resources
- Questions



Project Status



5 Year Improvement Projects:

- Planning 4
- Design 29
- Bid 1
- Construction 11
- <u>Future 9</u>
 - Total = 54



Transportation Bond:

Projects – 38

Grand Total - 92



Street Rehabilitation

Total \$ 21,000,000 FY13 – FY17

- December 2014 was the ½ way point of the 80/20 5 Year Improvement Plan
- Completed Lane Mileage
 - FY 12/13 8.2
 - FY 13/14 22.2
 - FY 14/15 estimated 31.88
- By FY17 estimate 62 Lane Miles or 8% of 800 Lanes
 Miles in the City



Sidewalk Improvements

Total \$ 750,000 FY 13 – FY 17

- Closing Sidewalk Gaps
 - Completed 6 projects or 1,445 linear feet of sidewalk
- Sidewalk Rehabilitation
 - Completed: \$513,144
 - Under Construction: \$235,000





Pedestrian Improvements

Total \$ 1,350,000 FY 13 - FY 17

- Under Design:
 - Heide Trask Drawbridge, Park Ave MUP Phase I & II, 13th
 Street, Castle/ Front Street Crossing
 - City Contribution \$459,650
 - Outside Funding \$1,648,550
 - Total \$2,108,200







Stabilization Improvements

Total \$ 4,827,184 FY 13 – FY 17

Completed

- Market Street H-Piles
- Riverwalk Pocket parkStabilization
- Church Street Shoreline Stabilization

Bid

Market Street Bulkhead

Design

- Riverwalk Brooks / Water StreetStabilization
- Coastline Inn BulkheadStabilization

Future

Dramtree Shoreline



WILMGTON

2014 Transportation Bond



Criteria for Prioritization

- Leveraging Outside Funding (Pedestrian and Greenway Projects)
- Low Hanging Fruit (Sidewalks)
- Coordination with other Agencies (92%)
 - NCDOT (Carolina Beach Road Streetscape) (70%)
 - CFPUA (N. Front Street Project)
 - Stormwater (Racine Dr. at New Centre Turn Lane)
 - 5 Year Improvement Projects (Pine Grove Roundabout)
- Projects with Longer Duration
 - Design, Environmental or Permitting (Love Grove)
- Timing in Project Areas (N. Front Street Project, Schools)
- Grouping Projects Together





- 2015
 - Love Grove Access
 - Dawson & Wooster StreetImprovements
 - 8th Dawson & 8th Wooster
 Crosswalks
 - Central College Trail
 - McCelland, Fairlawn, Clover,
 Gleason Sidewalk Projects
 - Dawson Street (Oleander to Wrightsville Sidewalk Project)

- · 2016
 - Masonboro Loop Trail
 - 23rd Street (Princess Place to Belvedere Sidewalk Project)
 - Five Crosswalk Projects
 - Kerr Ave Trail (Randall Parkway to College)



- 2017
 - Oleander Sidewalk
 (Hawthrone to to 42nd Street)
 - Oleander Sidewalk (Wooster to Mimosa)
 - Oleander Sidewalk (Pine Grove to College)
 - Hurst Road Extension
 - 17th Street Sidewalk Project (Greenfield to Wooster)
- 2018
 - Wrightsville Sidewalk (Castle to Independence)
 - Wrightsville Sidewalk
 - Wrightsville Sidewakt 22th to Independence)
 - Wrightsville & Wallace

- 2019
 - Pine Grove at McMillian
 Intersection Improvements
 - Pine Grove and Oleander Realignment
 - Oleander Sidewalk (Pine Grove to College)
 - Delaney Sidewalk Project
 (Wellington to Glen Meade
- 2020
 - Carolina Beach RdStreetscape
 - N. Front Street Streetscape
 - Racine at New Centre Turn

-Eastwood Road Access Management

Greenville Loop Trail



- Public Transportation
 - Bus Shelters
 - Benches and Amenities
 - Multimodal Transportation Center



Project Management

- Design Phase
 - Hiring Consultants
 - RFQ
 - On Call
 - Design Meetings
 - Public Engagement
 - Design Changes Base on Public Input
 - Permitting
 - Utility Coordination
 - Easement Acquisition
- Bidding Phase



Project Management

- Construction Phase
 - Public Outreach
 - Weekly Site Visits
 - Monthly Construction Meetings
 - Coordination with Other Utilities
 - Inspections (FHWA Requires More Documentations)
 - Field Engineering (Unforeseen Issues)
 - Change Orders
 - Pay Applications
- Project Closeout
 - Audit

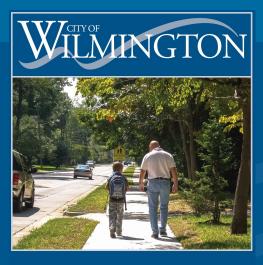


Project Resources

- Programming Based on 5 to 7 Year Project Completion
 - Project Management
 - Restructure & Reorganize Engineering to Dedicate Resources to Bond Projects
 - Two Construction Managers
 - Surveying
 - Project Inspections
 - # Based on Construction Timing
 - FHWA Requires an Inspector on Site at all Times
 - Contract with NCDOT for Inspectors
 - Support Resources
 - Public Engagement
 - Debt Management, Bidding, Grant Management
 - Office Space, Equipment



QUESTION?



New Sidewalks
A 2014 Transportation
Bond Project
Thank you Wilmington!

